

## CHAPTER-9 SIGNIFICANCE OF PLASTIC WASTE MANAGEMENT IN CIVIL ENGINEERING

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### **Abstract**

Plastic wastes creates major issues in polluting across the globe as it cannot able to compose under the earth. The aqua system is highly affected due to the emission of this plastic wastes. It creates more dangerous diseases too which cannot be cured as soon as possible. Even sometimes there may be a chance of cancer due to the production of plastic wastes. Due to increase in the population it causes huge problem globally which cannot controllable single handedly and even more countries are fighting together to control the production of the plastics as it is polluting the environment more. In order to find an alternate way to reduce the plastic wastes, it can be suggested to reuse the plastic wastes into more efficient way to enhance the sustainability of the environment. It has been proven that utilizing the plastic waste in construction can boosts the environmental protection and will not give any hazardous things. This paper deals with the major significance factors of the plastic waste management in the Civil Engineering which is related to construction and its materials.

### **9.1 Introduction**

The high amount major sources of waste materials produced and released of annually are urbanization and changing people lifestyles. There are human activities involved in generate waste in the manufacture of products and after use. Such types of wastes are, maximum managed by disposal in landfills.